

# Supporting your child when revising Science – KS3.

RAG rating

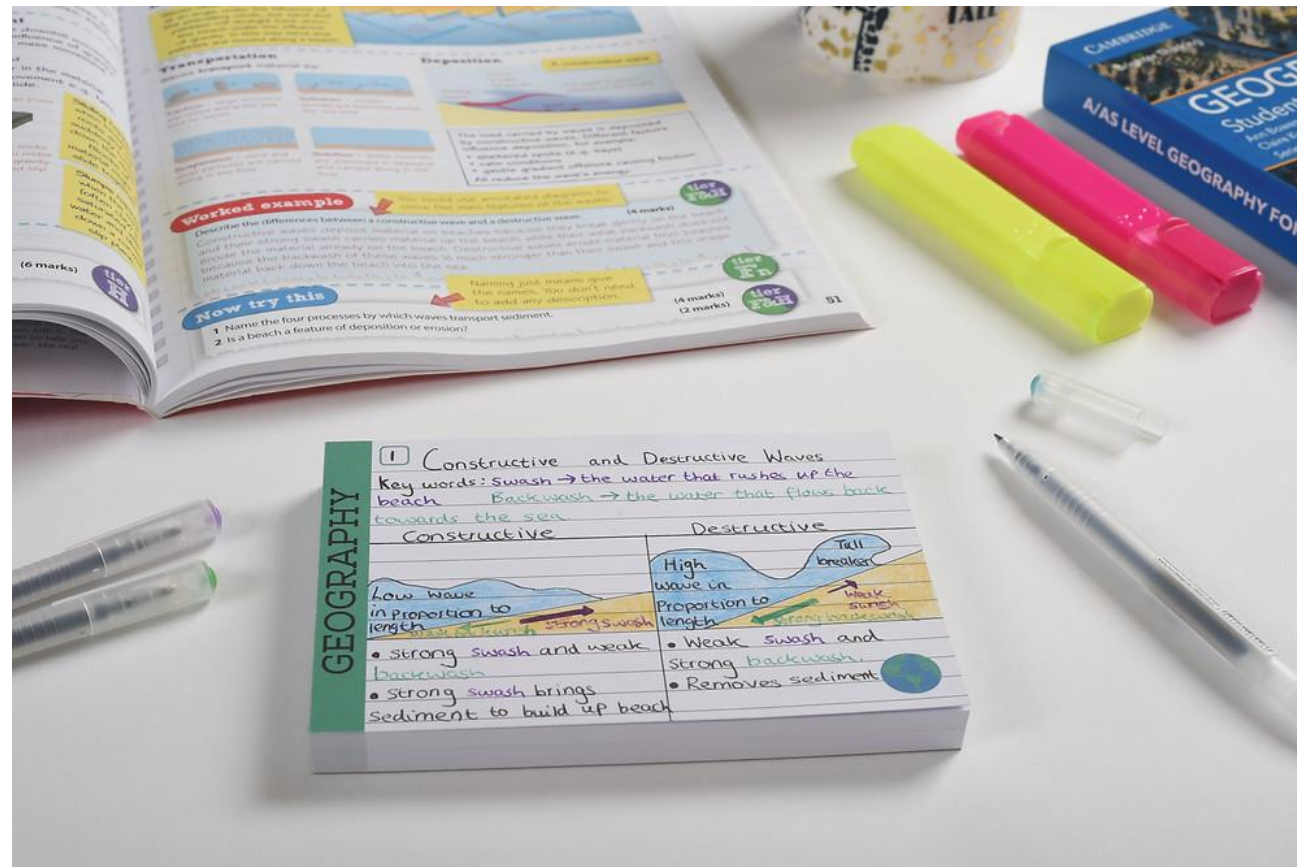
Flash cards

# RAG RATING – curriculum map on DLS website

Key knowledge	R	A	G
Describe the features of different types of rock and explain how they are formed.			
Define the term fossil and explain how they are formed.			
Describe the structure of the Earth.			
Describe the processes which contribute to the Carbon cycle.			
Describe climate change and discuss human impact on the atmosphere.			
How does day, night and seasons link to the wider solar system?			

# What is a flash card?

- A card with information on to help you remember knowledge or information.



# What resources will I need?

- A pen
- A pencil
- Different coloured pens/pencils
- Highlighters
- Card – buy or cut up your own
- Notes in class books or a revision guide or website e.g. BBC bitesize
- Note: You can use large post it notes if you don't have card.

# An example of how to make one

Read the information you are trying to remember

Highlight the key points

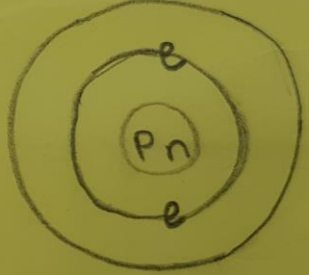
Transfer these onto your flash card

Include no more than 5 bullet points and 1 image

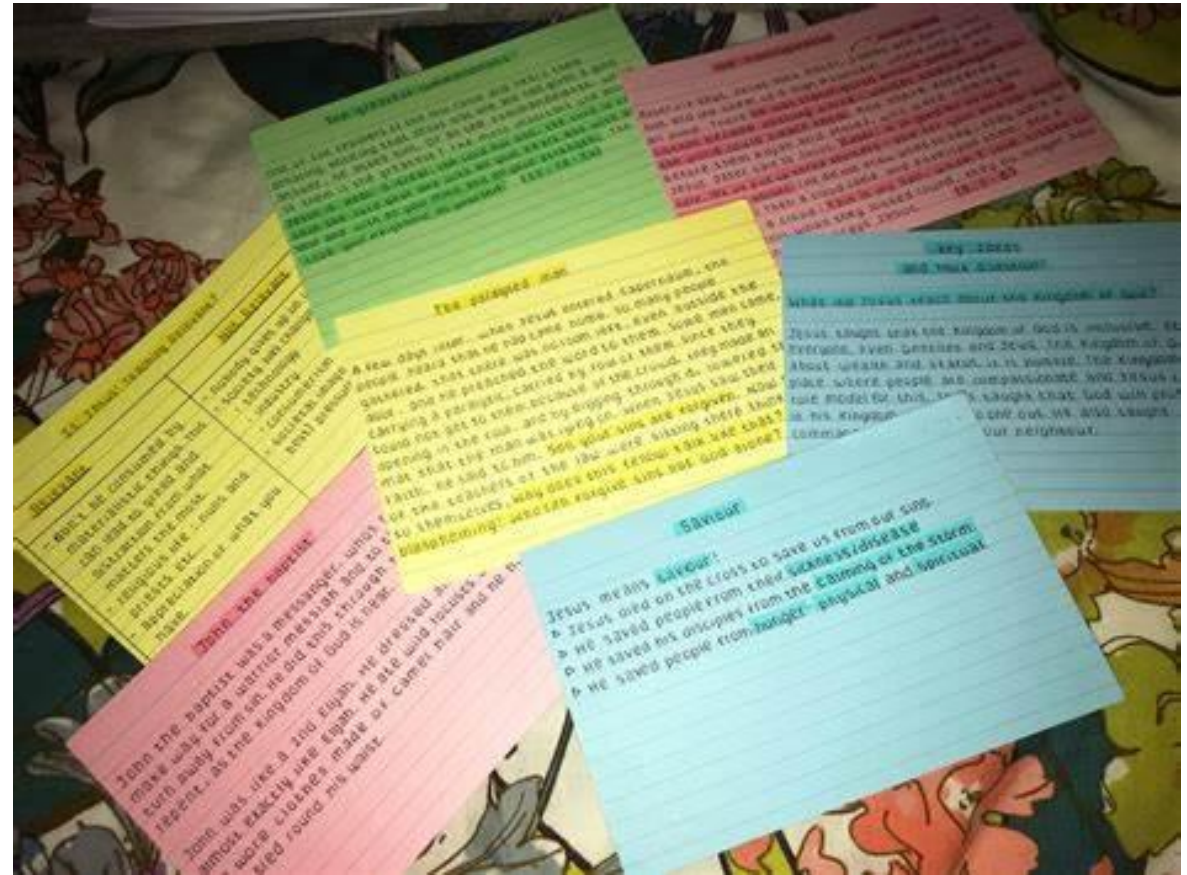
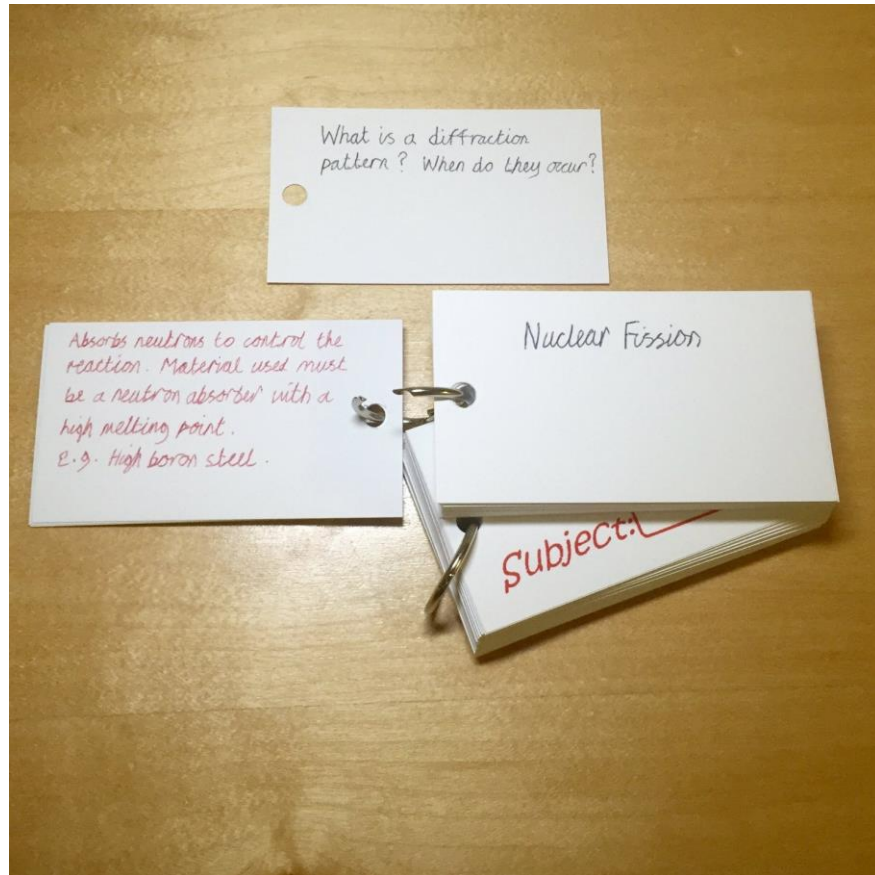
You can listen or watch the information if reading it isn't helping.

ATOMIC STRUCTURE

- Made of a nucleus and shells
- Nucleus contains Neutrons (n) and Protons (p)
- Electrons are found in Shells (e)
- Number of electrons and protons balance



# A good and a bad example – Why?



# HAVE A GO

## Aerobic respiration

Respiration is not breathing. That is called ventilation.

Respiration is a chemical reaction which occurs in every one of the cells in the human body. It releases energy stored in glucose and without it, these cells would die.

Aerobic respiration occurs in the presence of oxygen. The equation for aerobic respiration is:

glucose + oxygen → carbon dioxide + water

Aerobic respiration slowly releases lots of energy stored in glucose. It mostly occurs in tiny parts of your cells called mitochondria which are found in the cytoplasm. Cells which need more energy like sperm cells, which swim, or muscle cells which contract and relax, have more mitochondria.

# Using flash cards effectively.

- [Bing Videos](#)
- Have a study partner to test your knowledge.
- Different colours for different subjects/topics.
- Keep them organised.



# RE RAG RATING

Key knowledge	R	A	G
Describe the features of different types of rock and explain how they are formed.			
Define the term fossil and explain how they are formed.			
Describe the structure of the Earth.			
Describe the processes which contribute to the Carbon cycle.			
Describe climate change and discuss human impact on the atmosphere.			
How does day, night and seasons link to the wider solar system?			